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(54) Title: COMPOSITIONS FOR THE USE IN IDENTIFICATION OF FUNGI

(57) Abstract: The present invention provides compositions, kits and methods for rapid identification and quantification of fungi by molecular mass and base composition analysis.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/066194

A. CLASSIFICATION OF SUBJECT MATTER
INV. C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2005/024046 A (ISIS PHARMACEUTICALS INC [US]; ECKER DAVID J [US]) 17 March 2005 (2005-03-17) the whole document	2-45, 63-69
X	DATABASE WPI Week 200454 Derwent Publications Ltd., London, GB; AN 2004-556363 XP02462655 & JP 2004 201641 A (MITSUBISHI YUKA BCL KK) 22 July 2004 (2004-07-22) abstract	1,61,62
Y	& JP 2004 201641 A (MITSUBISHI KAGAKU BIO CLINICAL) 22 July 2004 (2004-07-22) ----- -/-	2-45, 63-69

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (see specified)
- *O* document relating to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SAMPATH RANGARAJAN ET AL: "Rapid identification of emerging pathogens: coronavirus" EMERGING INFECTIOUS DISEASES, EID, ATLANTA, GA, US, vol. 11, no. 3, March 2005 (2005-03), pages 373-379, XP002454984 ISSN: 1080-6040</p> <p>-----</p>	
A	<p>WO 01/07648 A (ARTUS GES FUER MOLEKULARBIOLOG [DE]; KRUPP GUIDO [DE]; SCHEINERT PETER) 1 February 2001 (2001-02-01)</p> <p>-----</p>	
P, X	<p>SAMPATH RANGARAJAN ET AL: "Rapid identification of emerging infectious agents using PCR and electrospray ionization mass spectrometry." ANNALS OF THE NEW YORK ACADEMY OF SCIENCES APR 2007, vol. 1102, Apr11 2007 (2007-04), pages 109-120, XP002462629 ISSN: 0077-8923 the whole document</p> <p>-----</p>	1-63

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2007/066194

Box No. 1 Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
- a. type of material
- ☒ a sequence listing
- ☐ table(s) related to the sequence listing
- b. format of material
- ☒ on paper
- ☒ in electronic form
- c. time of filing/furnishing
- ☐ contained in the international application as filed
- ☐ filed together with the international application in electronic form
- ☒ furnished subsequently to this Authority for the purpose of search
2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/066194

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005024046 A	17-03-2005	NONE	
JP 2004201641 A	22-07-2004	NONE	
WO 0107648 A	01-02-2001	AU 5371099 A EP 1198597 A1	13-02-2001 24-04-2002